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AUTOMOTIVE PLANTS IMPROVE PRODUCTION

AUTO PLANT BEGINS SERIAL PRODUCTION -- Zarya Vostoka, No 177, 4 Sep 48

The Kutaisi Automobile Plant has started serial production of parts for the new ZIS-150 automobile. By order of the Ministry of Automobile and Tractor Industry, the plant has also started to produce molding machines. The first six machines passed the test satisfactorily.

During July, the plant produced over 2,000 gasoline pumps, another new product, which will be sent to automobile shops all over the country.

At present the foundry is casting 250 different automobile parts which are turned over to other plant workshops for further machining.

The assembly of machinery in the motor workshop is almost completed. Preparations are being made for the production of all parts for the ZIS-150 motor.

Zarya Vostoka, No 181, 10 Sep 48

The machine and assembly shop, with approximately 1,500 machines now in use, is the largest in the Kutaisi Automobile Plant. There will be 300 more machine tools added to the shop's inventory.

Zarya Vostoka, No 187, 18 Sep 48

The repair and casting shop of the Kutaisi Automobile Plant, which is now under construction, is only partially completed. Construction work and assembly of equipment is still in progress. The shop produces up to 60 tons of steel castings per month and in August started serial production of castings for cylinders in the lift mechanism of dump trucks.

- 1 -

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50X1-HUM

MINSK PLANT GETS NEW SHOPS -- Sovetskaya Belorussiya, No 194, 29 Sep 48

A slag concrete shop was built and put into operation in 1948 at the Minsk Automobile Plant. The shop is equipped with a modern apparatus for production of slag blocks and slag alabaster slabs. A large carpenter's shop was built in July and equipment is now being installed.

Pravda Ukrainy, No 231, 29 Sep 48

Hundreds of different machine tools have already been assembled at Chassis Shop No 2 of the Minsk Automobile Plant. The majority of them are automatic and semiautomatic machine tools. The shop will be put into operation in October.

HIGH-SPEED CUTTING METHODS INTRODUCED -- Kommunist, No 219, 15 Sep 48

The "Avtodetal'" (Automobile Parts) Plant in the Armenian SSR is beginning to use high-speed cutting methods. In the countershaft section, the cutting speed on semiautomatic lathes has been increased from 30 to 70 meters per minute. The cutting speed on milling machines has been doubled. With the increase in cutting speed, the output of parts has likewise increased from 60 to 120 pieces per shift.

The technical division of the plant is making preparations to increase the cutting speed on semiautomatic lathes to 100 meters per minute.

Kommunist, No 209, 3 Sep 48

The "Avtodetal'" Plant failed to fulfill the 1947 production plan, but due to effective party work and organization, the plant fulfilled this year's 8-month plan 114 percent and produced more goods in that period than during the whole of 1947. The cost of production was 5.2 percent less than planned during the 8-month period, and the plant realized savings of 105,385 rubles.

REPAIR PLANT PRODUCES AUTO PARTS -- Leninskoye Znaniye, No 177, 4 Sep 48

The Petrozavodsk Automobile-Repair Plant has begun production of gears, pistons, piston rings, crank pins, and other automobile parts. These parts were formerly sent from Moscow.

KHARKOV TRACTOR PLANT REBUILT -- Sovetskaya Kirgiziya, No 174, 1 Sep 48

The Kharkov Tractor Plant of the Ministry of Automobile and Tractor Industry and the "Tuzhtyazhstroy" Trust of the Ministry of Construction of Heavy Industry Enterprises have completed reconstruction of all industrial workshops of the Kharkov Tractor Plant. Production of tractors has been resumed and has been placed on a continuous mass-production basis.

The plan for production of tractors and spare parts during the first 6 months was fulfilled ahead of schedule. During the first half of 1948 the output increased 2.7 times as compared with the first half of 1947. The plant refused to accept a state subsidy and saved over 10 million rubles above plan during the first 6 months due to lowered production cost.

- 2 -

SECRET

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50X1-HUM

MINSK PLANT ADOPTS HIGH-SPEED METHODS -- Sovetskaya Belorussiya, No 134, 15 Sep 48

The Minsk Tractor Plant has begun to use high-speed cutting and turning methods to increase labor efficiency and to lower production costs.

Engineer I. Aleshkevich has designed a cutting tool (cutters with inserted blades) with negative cutting angles. The negative angle removes the center of pressure from the cutting edge and the blades acquire greater stability. A turning speed of 480 meters per minute was reached with cutters having negative angles, and the treated surface was as smooth as if polished. The speed was only 80 to 100 meters per minute when a cutter with a positive angle was used.

Tests with cutters having negative angles proved that the average labor efficiency of a worker is increased 2.5 to 3 times. So far, these methods are being used in the tool workshop on only three or four machines.

Sovetskaya Belorussiya -- No 181, 11 Sep 48

The Minsk Tractor Plant fulfilled the annual production plan on 10 September with 1,019,000 rubles less production cost than planned. Workers in the main designing division have designed a new wheel tractor.

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- 3 -

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